

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Taejoon KWON et al.  
Serial No.: 10/773,507  
Filed: 02/05/2004  
Art Unit: 1631  
Examiner: Shubo Zhou  
Title: SYSTEM AND METHOD FOR DESIGNING PROBES USING  
HETEROGENEOUS GENETIC INFORMATION, AND COMPUTER READABLE  
MEDIUM  
Att. Docket YPL-0080

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE**

This replacement Sequence Listing is submitted in response to the Office Action dated March 22, 2007. Reconsideration and allowance of the case is respectfully requested in view of the amendments and the following remarks.

This response includes the following sections:

**Attachments:** Sequence Listing (paper and computer readable form (crf, as .txt file),  
Statement About Content Of Sequence Listing Under 37 CFR 1.821

It is believed that the foregoing submissions fully comply with the Office Action.  
Accordingly, reconsideration and allowance are requested.

If there are any additional charges with respect to this Amendment or otherwise, please charge them to Deposit Account No. 06-1130.

Respectfully submitted,

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/Sandra L. Shaner/

By \_\_\_\_\_  
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